

8 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN

RN 212893-19-1 REGISTRY

CN 1,4-Butanediaminium, N,N'-dimethyl-N,N'-bis[3-[methyl-(9Z)-9-octadecenylamino]propyl]-N,N'-di-(9Z)-9-octadecenyl-, diiodide, dihydriodide (9CI) (CA INDEX NAME)

FS STEREOSEARCH

DR 219512-06-8

MF C86 H172 N4 . 2 H I . 2 I

CI COM

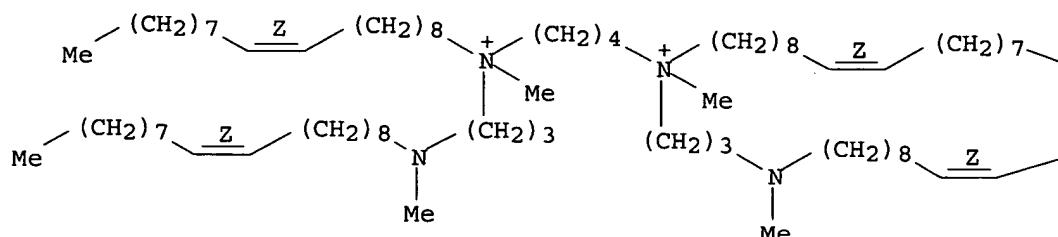
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CRN (213131-65-8)

Double bond geometry as shown.

PAGE 1-A



●2 I-

●2 HI

PAGE 1-B

Me

—(CH<sub>2</sub>)<sub>7</sub>—Me

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L18 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN

RN 212893-18-0 REGISTRY

CN 1,4-Butanediaminium, N,N'-dihexadecyl-N,N'-bis[3-(hexadecylmethylamino)propyl]-N,N'-dimethyl-, diiodide, dihydriodide (9CI) (CA INDEX NAME)

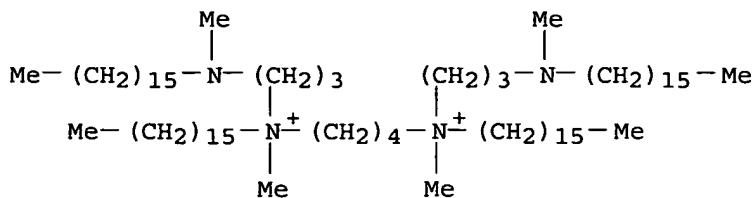
DR 219512-05-7

MF C78 H164 N4 . 2 H I . 2 I

CI COM

SR CA

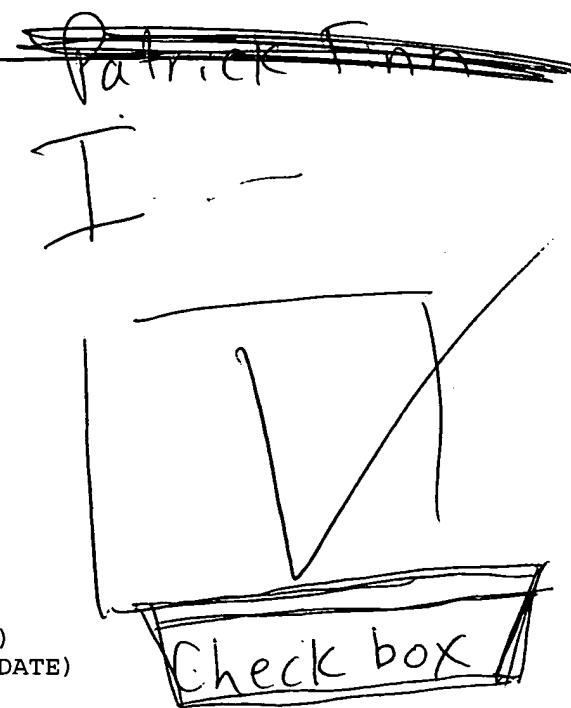
LC STN Files: CA, CAPLUS, USPATFULL



●2 I-

●2 HI

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)



L18 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN

RN 153312-64-2 REGISTRY

CN 1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis(tetradecyloxy)-, bromide (9CI) (CA INDEX NAME)

OTHER NAMES:

CN DMRIE

CN N-[1-(2,3-Ditetradeeyloxy)propyl]-N,N-dimethyl-N-hydroxyethylammonium bromide

DR 146659-77-0

MF C35 H74 N O3 . Br

CI COM

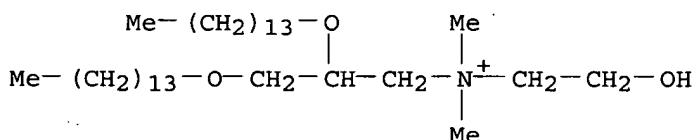
SR CA

LC STN Files: AGRICOLA, BIOSIS, CA, CANCERLIT, CAPLUS, IPA, MEDLINE, TOXCENTER, USPATFULL

CRN (191980-81-1)

*The wo-*

*-Restriction*



● Br-

123 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

123 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

L18 #2

L20 ANSWER 1 OF 1 USPATFULL on STN  
AN 2002:88268 USPATFULL  
TI Peptide-enhanced transfections  
IN Hawley-Nelson, Pamela, Silver Spring, MD, United States  
Lan, Jianqing, Germantown, MD, United States  
Shih, PoJen, Columbia, MD, United States  
Jessee, Joel A., Mt. Airy, MD, United States  
Schifferli, Kevin P., Germantown, MD, United States  
Gebeyehu, Gulilat, Silver Spring, MD, United States  
Ciccarone, Valentina C., Gaithersburg, MD, United States  
Evans, Krista L., Germantown, MD, United States  
PA Life Technologies, Inc., Rockville, MD, United States (U.S. corporation)  
PI US 6376248 B1 20020423  
AI US 1998-39780 19980316 '(9)  
RLI Continuation-in-part of Ser. No. US 1997-818200, filed on 14 Mar 1997,  
now patented, Pat. No. US 6051429, issued on 8 Apr 2000  
DT Utility  
FS GRANTED  
LN.CNT 4698  
INCL INCLM: 435/458.000  
INCLS: 435/320.100; 435/235.100; 536/023.100  
NCL NCLM: 435/458.000  
NCLS: 435/235.100; 435/320.100; 536/023.100  
IC [7]  
ICM: C12N015-88  
ICS: C12N007-00; C12N015-63; C12N015-11  
EXF 435/235.1; 435/320.1; 435/458; 536/23.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.